



TROPICAL CYCLONE ADVISORY NO. 1
Typhoon "MAWAR"

Issued at 11:00 PM, 24 May 2023

Valid for broadcast until the next advisory at 11:00 AM tomorrow

| TYPHOON "MAWAR" MOVES PAST THE NORTHERN MARIANA ISLANDS WHILE MAINTAINING ITS STRENGTH | | | | | | |
|--|-----------------|-----------|---|------------|------|--------------------------------|
| Location of Center (10:00 PM) | | | | | | |
| The center of the eye of Typhoon was estimated based on all available data at 2,205 km East of Southeastern Luzon (13.9°N, 144.6°E) | | | | | | |
| Intensity | | | | | | |
| Maximum sustained winds of 175 km/h near the center, gustiness of up to 215 km/h , and central pressure of 940 hPa | | | | | | |
| Present Movement | | | | | | |
| West northwestward at 10 km/h | | | | | | |
| Extent of Tropical Cyclone Winds | | | | | | |
| Strong to typhoon-force winds extend outwards up to 390 km from the center | | | | | | |
| TRACK AND INTENSITY FORECAST | | | | | | |
| Date and Time | Center Position | | | Intensity | | Movement dir. and speed (km/h) |
| | Lat. (°N) | Lon. (°E) | Location | MSW (km/h) | Cat. | |
| 12-Hour Forecast 8:00 AM 25 May 2023 | 14.3 | 143.2 | 2,055 km East of Southeastern Luzon (Outside the PAR) | 175 | TY | WNW 15 |
| 24-Hour Forecast 8:00 PM 25 May 2023 | 14.8 | 141.3 | 2,110 km East of Southeastern Luzon (Outside the PAR) | 185 | STY | WNW 20 |
| 36-Hour Forecast 8:00 AM 26 May 2023 | 15.3 | 138.8 | 1,840 km East of Central Luzon (Outside the PAR) | 195 | STY | WNW 25 |
| 48-Hour Forecast 8:00 PM 26 May 2023 | 15.8 | 136.1 | 1,495 km East of Central Luzon (Outside the PAR) | 205 | STY | W 25 |
| 60-Hour Forecast 8:00 AM 27 May 2023 | 16.3 | 133.3 | 1,195 km East of Central Luzon | 215 | STY | W 25 |
| 72-Hour Forecast 8:00 PM 27 May 2023 | 16.9 | 130.9 | 940 km East of Central Luzon | 215 | STY | WNW 20 |
| 96-Hour Forecast 8:00 PM 28 May 2023 | 18.6 | 127.0 | 570 km East of Aparri, Cagayan | 195 | STY | WNW 20 |
| 120-Hour Forecast 8:00 PM 29 May 2023 | 20.1 | 124.7 | 285 km East of Basco, Batanes | 175 | TY | NW 10 |

Prepared by: PCDM

Checked by: RPG



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GENERAL OUTLOOK FOR THE FORECAST PERIOD

- Typhoon MAWAR is forecast to track generally west northwestward tonight through tomorrow and westward on Friday while gradually accelerating. A turn to the west northwest or northwest while decelerating is possible by Saturday as typhoon approaches the waters east of Extreme Northern Luzon. Forecast confidence cone and the slightly southward shift in the model solutions suggest that the potential for a much closer approach to the country than the ones shown by the center track is not ruled out.
- MAWAR is forecast to re-intensify within the next 3 days and may regain its super typhoon status by tomorrow at the earliest. This tropical cyclone may reach a peak intensity of **215 km/h** on Saturday.
- Current track scenario shows that the rain bands over the typhoon may affect Cagayan Valley between Sunday and Tuesday next week. In addition, strong to gale-force conditions may be experienced which may necessitate the hoisting of Tropical Cyclone Wind Signal in the coming days.
- MAWAR is forecast to **enhance the Southwest Monsoon** and **may trigger monsoon rains** over the western portions of MIMAROPA, Visayas, and Mindanao on Friday and Saturday and over the western portions of Luzon and Visayas on Sunday onwards. However, the monsoon rains scenario may still change due to dependence of Southwest Monsoon enhancement on the track and intensity of MAWAR.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to continue monitoring for updates related to this tropical cyclone.

Unless an intermediate advisory or initial tropical cyclone bulletin is released, the next tropical cyclone advisory will be issued at 11:00 AM tomorrow.

DOST-PAGASA